

Bypass Oil Filtration Systems & Mounts

AMSOIL FORD 7.3L DUAL-REMOTE BYPASS SYSTEM

Product Code: BMK26-EA

Extend engine and oil life in your 7.3L PowerStroke with advanced bypass filtration, reducing maintenance costs and maximizing performance.



Product Description

Full-flow oil filters are designed to balance flow rate against filtration efficiency. They have to let enough oil through to keep the engine lubricated under all conditions, which means they can only capture particles down to a certain size. The smallest, most abrasive contaminants, including soot particles common in diesel combustion, pass right through. Over thousands of miles, those fine particles accumulate in the oil and accelerate wear on bearings, rings, and cylinder walls. The 7.3L PowerStroke is a workhorse engine, but it needs help managing the contaminant load that comes with diesel duty cycles.

SUPERIOR SMALL-PARTICLE FILTRATION

The AMSOIL Ea Bypass Filter works alongside the engine's full-flow filter, not as a replacement. It draws approximately 10 percent of the oil pump's capacity at any given time and routes it through a high-efficiency bypass element specifically designed to trap the extremely small, wear-causing contaminants that full-flow filters cannot remove. This includes soot, a persistent problem in diesel engines that thickens oil and promotes abrasive wear. The system filters all of the oil in the engine several times per hour, so the 7.3L PowerStroke is continuously supplied with clean oil rather than oil that degrades between drain intervals.

INCREASED FILTRATION CAPACITY AND SERVICE LIFE

A single full-flow filter has limited contaminant-holding capacity. By adding a dedicated bypass circuit, the BMK26 system dramatically increases the total filtration capacity available to the engine. The included EaBP100 bypass filter element supports service intervals up to 70,000 miles, 800 hours, or 2 years, whichever comes first. Alternative bypass elements are also compatible: the EaBP90 covers up to 60,000 miles or 600 hours, and the EaBP110 extends to 80,000 miles or 1,200 hours. This flexibility lets owners match the bypass filter service interval to their actual usage patterns, whether that is daily highway towing or seasonal use.

ENGINEERED FOR THE 7.3L POWERSTROKE

The BMK26 is a direct-fit system for 7.3L Ford PowerStroke diesel engines, with a vehicle-specific spin-on adapter (BP400) and thread adapter (BP401) that mount to the existing full-flow filter location. The kit includes the dual-remote filter mount assembly, 12 feet of half-inch oil hose, all necessary fittings and brackets, an Ea full-flow filter (EaO26), and an Ea Bypass filter (EaBP100). The remote-mount design moves both the full-flow and bypass filters to an accessible location in the engine compartment, making routine filter changes far simpler than reaching around hot exhaust components. Mounting angle recommendations are provided to keep oil flow and drainage optimal across a range of installation positions.

REDUCED MAINTENANCE COSTS OVER TIME

Running a bypass filtration system on a 7.3L PowerStroke pays dividends by keeping oil in service longer and reducing the frequency

of full oil changes. Because the bypass element continuously removes fine contaminants that would otherwise degrade the oil, the oil stays within specification far longer than it would with full-flow filtration alone. For owners running AMSOIL synthetic diesel oil, this translates directly into fewer oil changes, less waste oil, and lower per-mile operating costs. An optional oil sampling petcock (BK13, sold separately) can be installed on the filter mount assembly for convenient, uncontaminated oil sampling, making it easy to verify oil condition and optimize drain intervals through oil analysis.

SPECIFICATIONS AND COMPATIBILITY

The BMK26 system is designed for Ford 7.3L PowerStroke diesel engines. It uses the AMSOIL EaO26 full-flow filter and is compatible with EaBP90, EaBP100, or EaBP110 bypass filter elements. Optional fittings, including a 90-degree JIC elbow (BK21) and a 45-degree JIC elbow (BK22), are available separately to simplify hose routing in tight engine compartments. Additional hose (BP350) can be ordered by the foot if the included 12 feet is not sufficient for a particular installation.

SERVICE INTERVALS

Bypass filter service life depends on the element selected:

EaBP90: 60,000 miles, 600 hours, or 2 years
EaBP100: 70,000 miles, 800 hours, or 2 years
EaBP110: 80,000 miles, 1,200 hours, or 2 years

Do not exceed these limits. Annual inspection of all fittings and hoses is recommended during the warranty period, checking for leaks, hose deterioration, and physical damage.

Frequently Asked Questions

Q1: What engines is the AMSOIL Ford 7.3L Dual-Remote Bypass System (BMK26) designed for?

The AMSOIL Ford 7.3L Dual-Remote Bypass System (BMK26-EA) is specifically designed for 7.3L Ford PowerStroke diesel engines. The system includes a full-flow filter (EaO26) and an Ea Bypass oil filter, both included with the initial purchase. It is a dual-remote system that works in conjunction with the engine's existing full-flow oil filtration setup.

Q2: How does the AMSOIL Dual-Remote Bypass System improve engine protection on a 7.3L PowerStroke?

The AMSOIL Bypass Filter provides superior small-particle filtration, including soot removal, by trapping extremely small wear-causing contaminants that standard full-flow filters cannot remove. It draws approximately 10 percent of the oil pump's capacity at any one time and typically filters all the oil in the system several times an hour, so the engine continuously receives analytically clean oil. This helps increase engine efficiency and life while reducing maintenance costs. Verified owners have reported impressive internal engine cleanliness even at 120,000 miles.

Q3: What are the filtration specs and how does the AMSOIL bypass filter work on a partial-flow basis?

The AMSOIL Ea Bypass Oil Filter operates on a partial-flow basis, drawing approximately 10 percent of the oil pump's capacity at any given time. Unlike a full-flow filter that passes all oil through at once with larger filtration openings, the bypass filter processes a smaller volume more thoroughly, trapping extremely small contaminants including soot. Because it cycles through all of the engine's oil several times per hour, the system ensures the engine constantly runs on analytically clean oil.

Q4: How does the AMSOIL bypass filtration system compare to using only a standard full-flow oil filter on a 7.3L PowerStroke?

A standard full-flow oil filter allows all oil to pass through at once but cannot trap the smallest wear-causing particles, including soot. The AMSOIL Dual-Remote Bypass System adds a secondary filtration stage that captures these extremely small contaminants a full-flow filter misses. The result is increased filtration capacity and life, with equipment constantly running on clean oil. This dual approach helps increase engine efficiency and life while helping reduce long-term maintenance costs compared to relying on a full-flow filter alone.

Q5: How often do you change the AMSOIL Ea Bypass filter on a Ford 7.3L PowerStroke diesel?

AMSOIL Ea Bypass Filters offer long service life with intervals depending on the filter model used. The EaBP90 is rated for up to 60,000 miles or 600 hours, the EaBP100 for up to 70,000 miles or 800 hours, and the EaBP110 for up to 80,000 miles or 1,200 hours. Regardless of mileage or hours, no bypass filter should exceed a maximum service life of 2 years. Owners should not exceed the limits listed for their specific bypass filter model.

Q6: Is the AMSOIL Ford 7.3L Dual-Remote Bypass System (BMK26) compatible with other AMSOIL full-flow filters and oils?

Yes, the AMSOIL Ford 7.3L Dual-Remote Bypass System is designed to work in conjunction with the AMSOIL EaO26 full-flow oil filter, which is included with the initial purchase. The system is built to complement AMSOIL's full-flow filtration rather than replace it, with the bypass filter handling the finest contaminants and soot that the full-flow filter cannot capture. Verified owners report using the system alongside AMSOIL oil and filters to support extended oil change intervals on their diesel engines.

Available Product Codes

Product Code	Package Size	Unit of Measure
BMK26-EA	1 System	Each

ORDER ONLINE